

MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

WUG file

TO : Drs. Hockett, Jacobson, Nordsiek,
Sommers, Gardner ✓

DATE: August 16, 1974

FROM : Dr. Huebner

SUBJECT: re application 572-CR1 (Jay Levy) - Dr. Gardner's comments dated August 14.

Dr. Levy is now one of the more productive and innovative investigators of RNA tumor viruses. He is already the leader in endogenous xenotropic viruses now known to be present in all cells of mice, rats, hamsters, chickens, cats, cows, pigs and old world monkeys. We now have good evidence that expressions of these viruses are frequently important in establishing certain cells in culture and also in spontaneous and chemically induced transformation. The inhibition of xenotropic virus neutralizing antibodies by MCA is an important finding and could easily be more important in chemically induced leukemias than AHH. Treatment of skin with 3MC or DMBA induces high rates of early leukemia in DBA/2's which are AHH negative (Kouri), but have lots of endogenous type C RNA viruses. In this case release of virus by immunosuppression is no doubt much more important than the AHH induction.

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